

FIG. 1

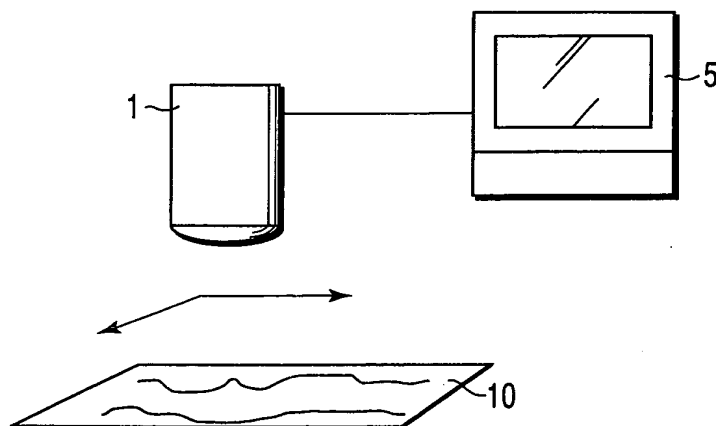


FIG. 2

FIG. 3

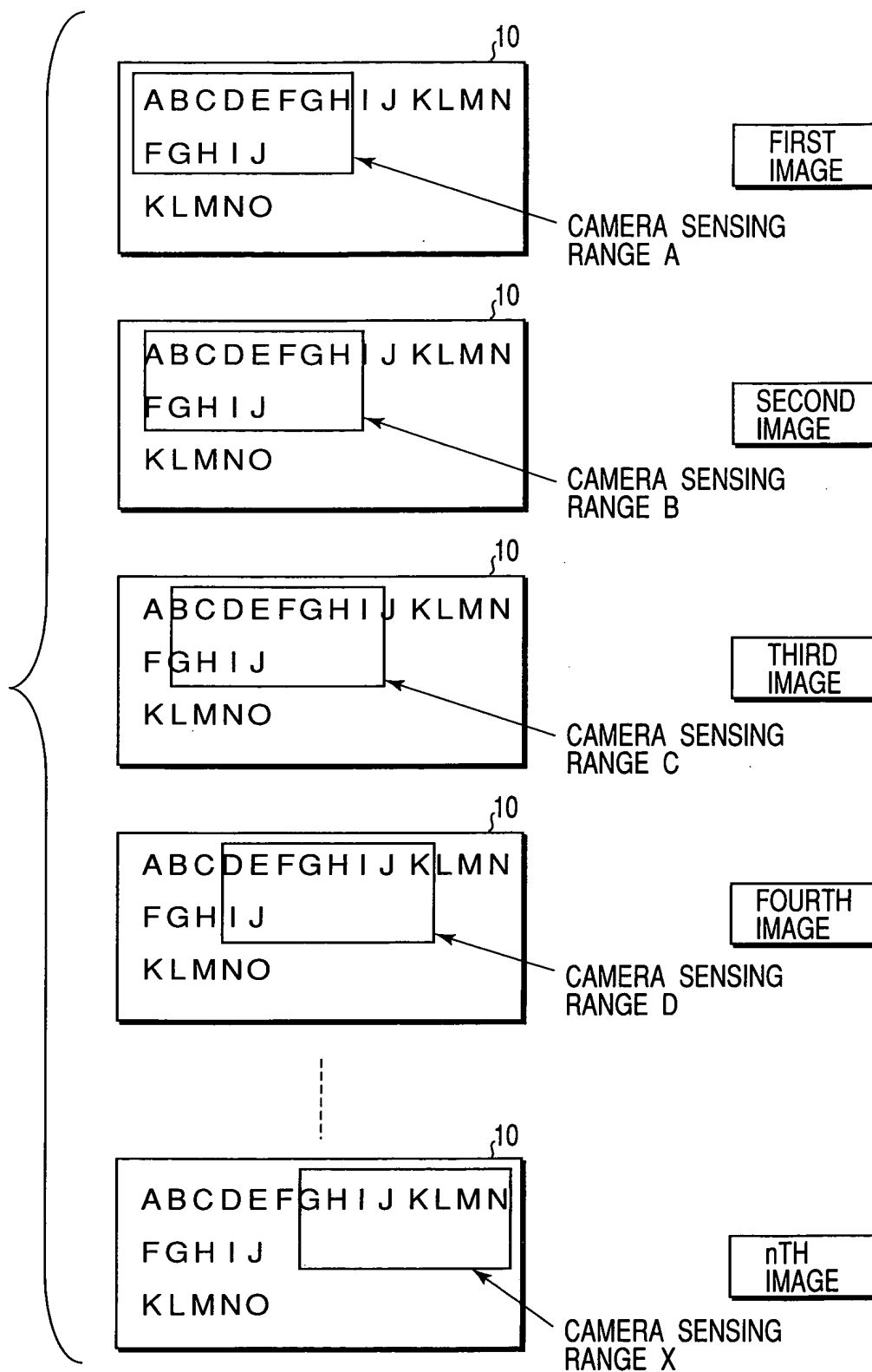


FIG. 3

FIG. 4

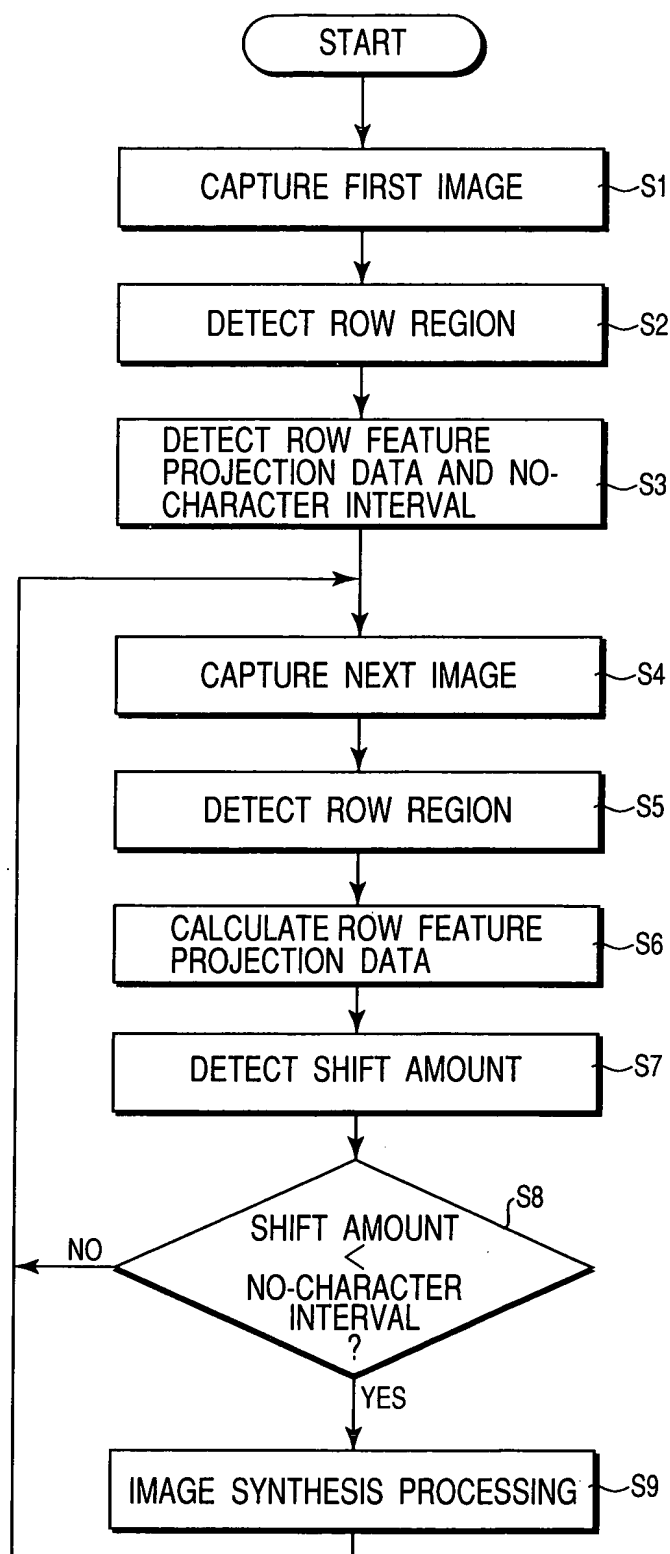


FIG. 4

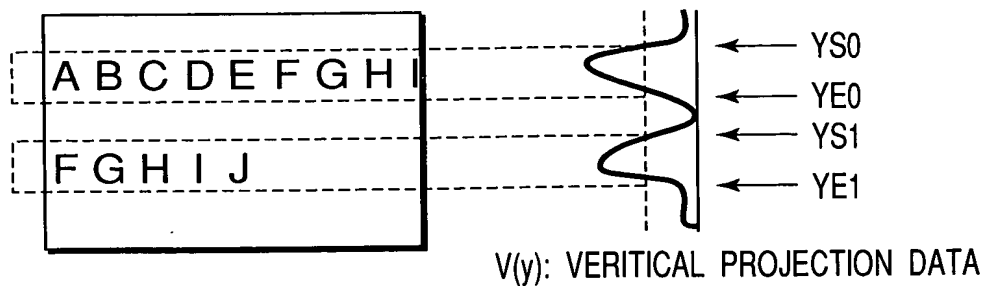


FIG. 5

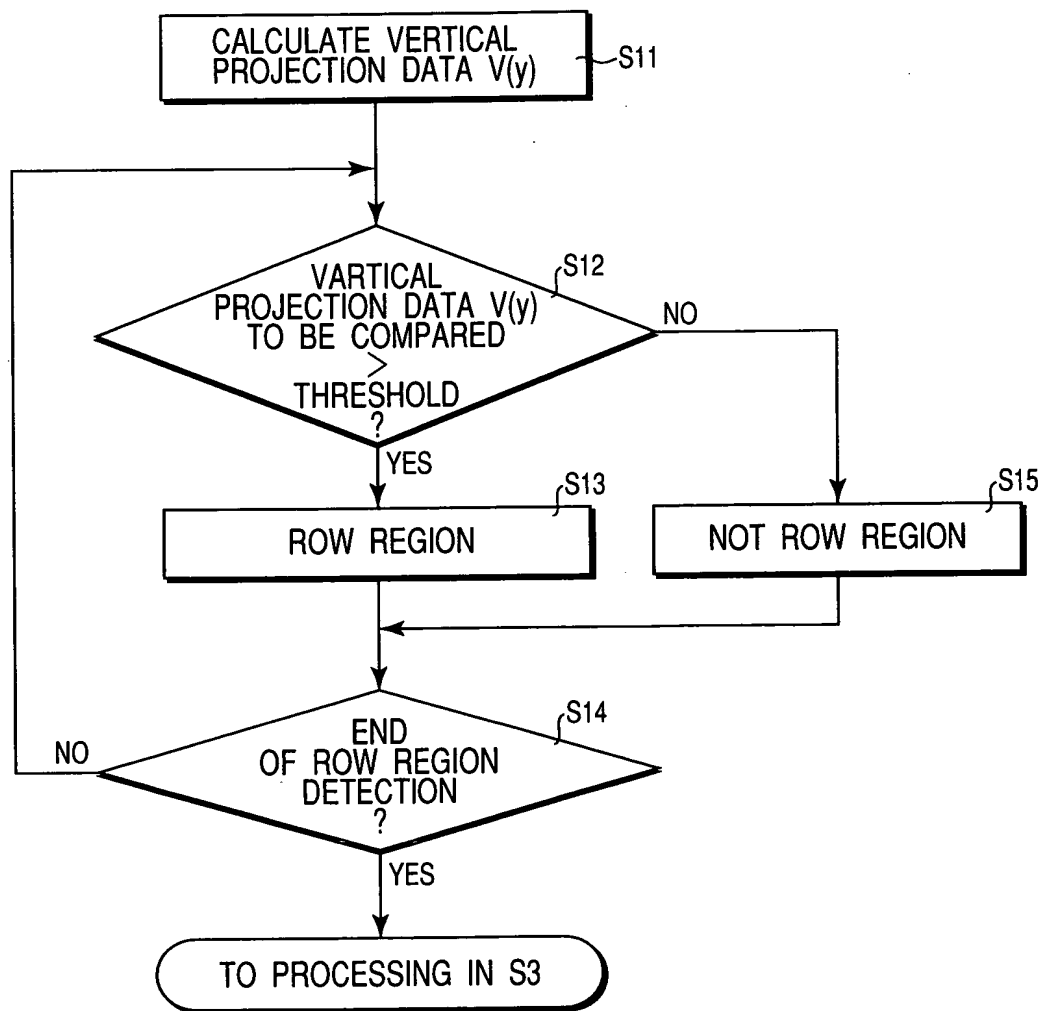


FIG. 6

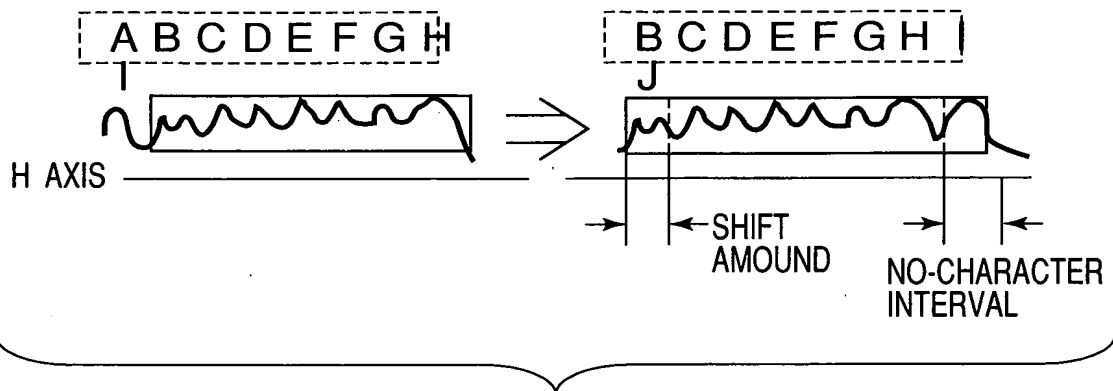


FIG. 7

MASTER DOCUMENT IMAGE

DOCUMENT IMAGE TO BE
COMPARED

A B C D E F G H

B C D E F G H I

SHIFT AMOUNT

A B C D E F G H I

FIG. 8

LANDSCAPE DOCUMENT

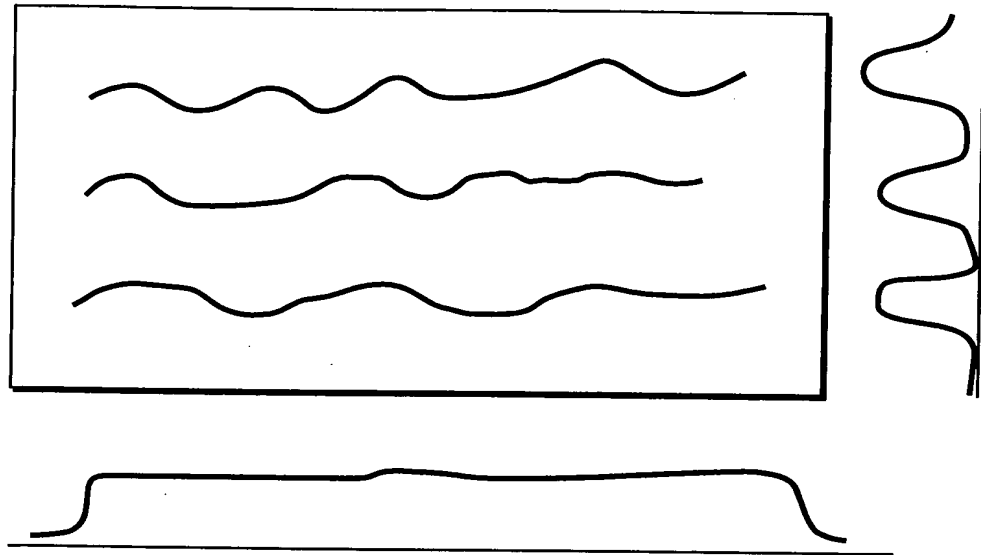


FIG. 9

PORTRAIT DOCUMENT

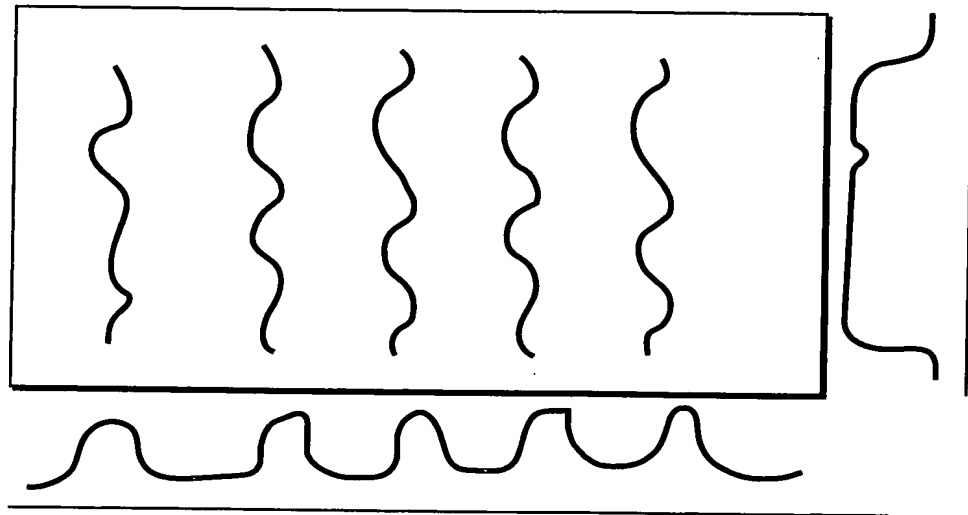


FIG. 10

FIG. 9

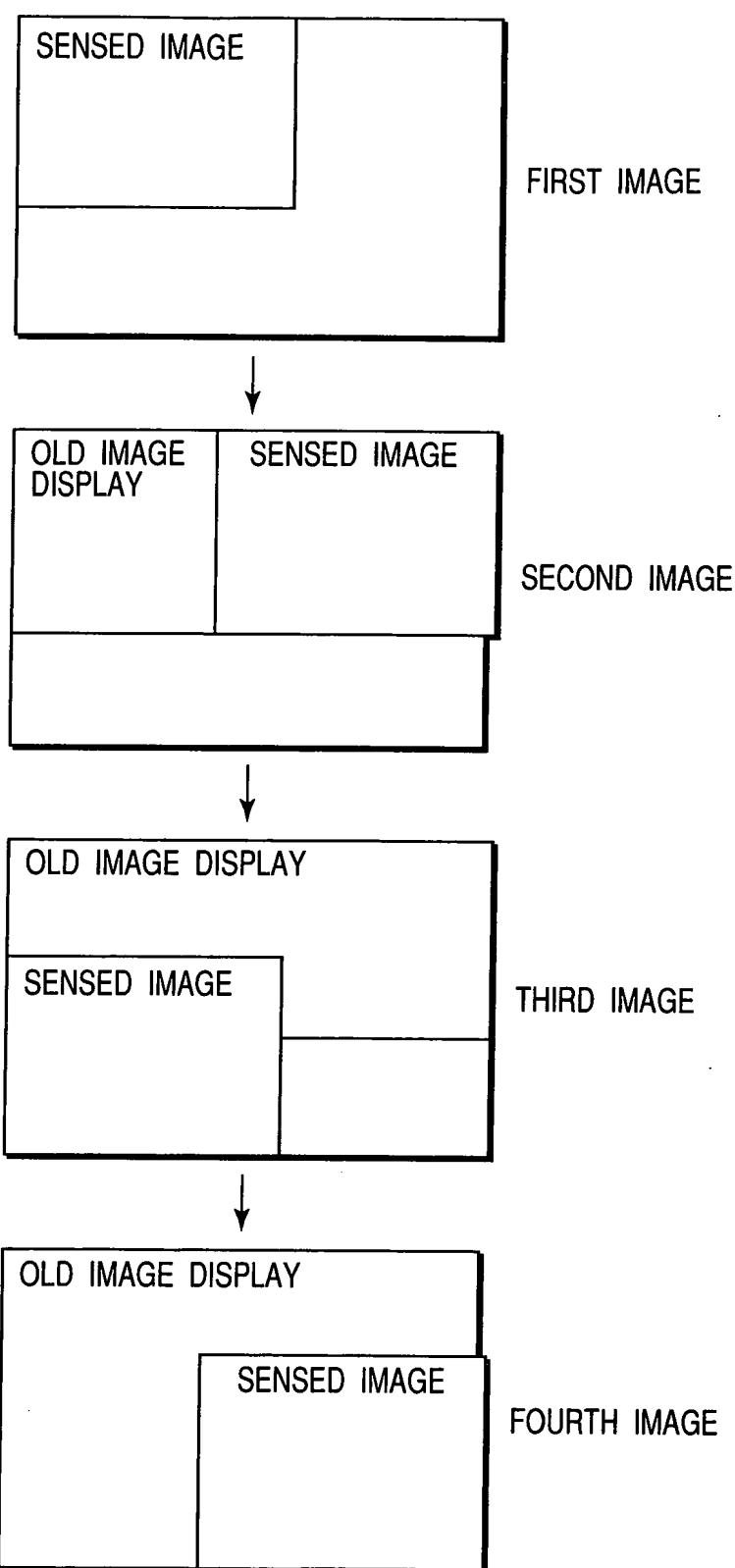


FIG. 12

This sentence is first sample
This sentence is second sample
This sentence is third sample

FIG. 13

This sentence is first sample
This sentence is second sample
This sentence is thrd sample

ERRONEOUS
RECOGNITION

ERRONEOUS
RESULT

IMAGE SENSING REGION
TO BE ZOOMED IN

FIG. 14

This sentence is first sample
This sentence is second sample
This sentence is third sample


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first sample
second sample
third sample

```

FIG. 15

first sample
second sample
third sample

RECOGNITION
RESULT

CHARACTER IS
REPLACED

This sentence is first sample
This sentence is second sample
This sentence is third sample

RECOGNITION RESULT

CHARACTER IS
REPLACED

This sentence is first sample
This sentence is second sample
This sentence is third sample

FIG. 16

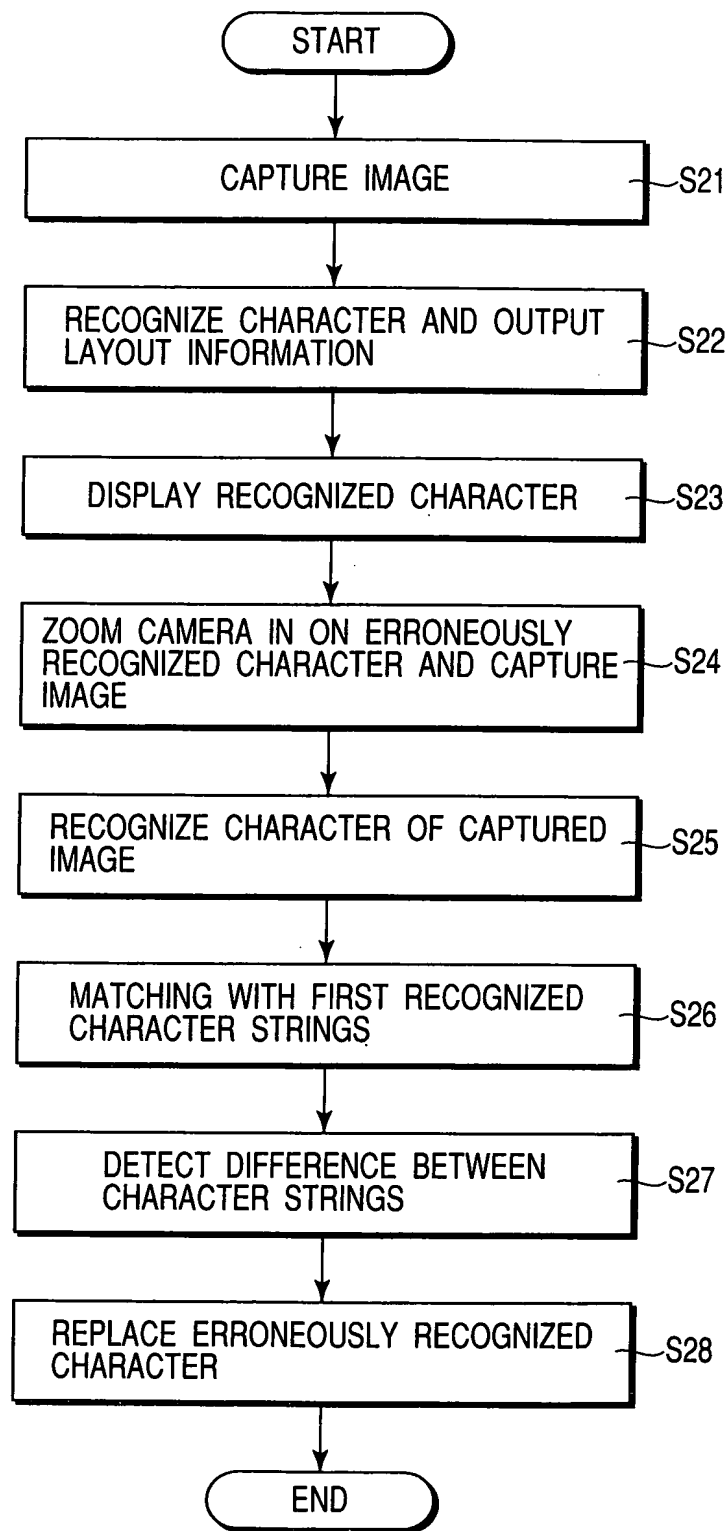


FIG. 17